



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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September 12, 2000

TO: Minerals File

FROM: Doug Jensen, Senior Reclamation Specialist *D. Jensen*

RE: Site Inspection, North Lily Mining Company, Tintic Project, M/023/007, Juab County, Utah

Date of Inspection: September 11, 2000
Time of Inspection: 9:15 a.m.
Conditions: Warm
Participants: Bob Bayer, JBR; Walt Shubert, Elwin Ewell, North Lily; Bill Riley, Blue Rock Construction; Beth Wondimu, DWQ; and Doug Jensen, DOGM

Purpose of Inspection: Pre-Teleconference Inspection and on site viewing of overflow pond damage.

Walt and Elwin were at the site at the time Beth and I arrived at the site. We were joined later by Bob Bayer and Bill and Charlie from Blue Rock. Blue Rock was on site to review the work that will be required to regrade the site.

The wind damage to the overflow pond liner was the first area that we looked at. Most of the damage to the liner seems to be on the north side of the pond. The largest hole is in the northwest corner, with a tear covering almost the entire corner and extending ~ thirty to forty feet along both the north and west slopes of the pond. There are four tears in the liner of the pond, the corner being the largest. Three of the tears run vertically down the slope of the pond. None of the tears extend into the bottom of the pond. There appears to be approximately one and a half to two feet of usable pond bottom before the stored solutions would reach the tears. The pond can still be used to evaporate solutions but allowances will have to be made in the area of the tears. Also, there will be a solution depth constraint due to the proximity of the tears to the bottom of the pond. With the present damage to the overflow pond, the few tears in the barren pond seem insignificant. Beth indicated that she would be meeting with her supervisors later in the day, with the pictures that we had taken of the site, to determine if North Lily would be allowed to continue to use the overflow pond.

Walt had moved the sprays in the overflow pond off the sides in the vicinity of the tears and had most of the mister capacity in the bottom of the pond. Elwin was in the process of elevating these misters to bring them above the solution level in the pond. The sprays had been running in the pond since Friday, September 8, when during a site visit I noted that the solution level of the preg pond was ready to overflow, the sprays in the overflow were not running at that time. I suggested that the holes in the

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holes in the overflow pond be avoided and sprays turned back on to keep the preg pond from overflowing into the barren pond. I told Walt that a decision for the future use of the pond would be made Monday, when Beth and I visited the site.

The next area we visited was the patches that were supposed to be re-glued with the new adhesive. The patch still hadn't been worked on. Walt noted that the new can of glue that he had left for Elwin had turned up missing. Elwin was to pick up another can and complete the patching work.

The ADS pipe had been placed and covered in the west ditch to an area about 75 feet from the preg pond. The pipe seemed to be working well at the time of the visit. The gravel fill over the pipe had been covered by a layer of heap material, as suggested, to protect it from being washed out by any future storm events.

We walked over the heaps, where I pointed out areas that would need to be reshaped when the heap was closed. Bill was informed that the addition of topsoil is still being debated and until that decision is made we would not address the soil storage area above the heap. Because of the proximity of the fence around the site to the pad, buildings, and ponds, I suggested that Blue Rock include moving that portion of the fence in their scope of work.

We discussed the pumping data that had not been filed and Bob indicated that he would send that information to us. He also indicated that the graphic showing the flow rates from the heap would be sent as well. These reports are supposed to be filed with our divisions weekly, to date this has not been happening.

Beth and I left the site at 11:30 to return to Salt Lake.

jb

CC: Steve Fletcher, North Lily Mining
Walt Shubert, North Lily Mining
Bob Bayer, JBR
Beth Wondimu, DWQ
Wayne Hedberg, DOGM
Pam Grubaugh-Littig, DOGM
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